INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000879

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61F 2/04, A61L 27/58
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61F, A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC INTERNAL, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	EP 0945145 A1 (TAPIC INTERNATIONAL CO., LTD.), 29 Sept 1999 (29.09.1999), column 8, line 6 - column 10, line 19, figures 1-2	1-7,14-30, 37-47
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X	US 6548569 B1 (SIMON F. WILLIAMS ET AL), 15 April 2003 (15.04.2003), column 2, line 41 - line 50	1-3,6-13, 27-36
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x	US 5358475 A (FRANK MARES ET AL), 25 October 1994 (25.10.1994)	1-3
ł		
X	US 5735863 A (FRANCESCO DELLA VALLE ET AL), 7 April 1998 (07.04.1998)	1-3

X	Further documents are listed in the continuation of Box	C.	X	See patent family annex.		
*	Special categories of cited documents:	"T"	later do	more ant - whiched often the inter-stime! Stime date an admin.		
	document defining the general state of the art which is not considered to be of particular relevance	•	date and	cument published after the international filing date or priority a not in conflict with the application but cited to understand ciple or theory underlying the invention.		
"E"	earlier application or patent but published on or after the international filing date	"X"	docume	nt of particular relevance the claimed invention cannot be		
"L",	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step who	red novel or cannot be considered to involve an inventive on the document is taken alone		
	special reason (as specified)	"Y"		nt of particular relevance: the claimed invention cannot be		
" O"	document referring to an oral disclosure, use, exhibition or other means		combine	red to involve an inventive step when the document is ed with one or more other such documents, such combination		
"P"	document published prior to the international filing date but later than		being obvious to a person skilled in the art			
	the priority date claimed	"&"	docume	nt member of the same patent family		
Date of the actual completion of the international search			Date of mailing of the international search report			
7 October 2004		1 -10- 2004				
Name and mailing address of the ISA/		Authorized officer				
Swedish Patent Office						
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000879

C (Continu	ation). DOCUMENTS CONSIDERED TO BE RELEVANT	- ,		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
A	EP 1254671 A1 (NIPRO CORPORATION), 6 November 2002 (06.11.2002)	1-47		
A	US 5599552 A (RICHARD L. DUNN ET AL), 4 February 1997 (04.02.1997)	1-47		

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

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Box No.	II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)					
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:						
1. 🛛	Claims Nos.: 48-56 because they relate to subject matter not required to be searched by this Authority, namely:					
	Methods for treatment of the human or animal body by surgery or therapy, as well as diagnostic methods (PCT Rule 39.1(iv)).					
2.	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:					
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).					
Box No.	III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)					
This Int	ernational Searching Authority found multiple inventions in this international application, as follows:	i				
1.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.					
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.					
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:					
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4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:					
Remar	k on Protest					
	No protest accompanied the payment of additional search fees.	l				

INTERNATIONAL SEARCH REPORT Information on patent family members

03/09/2004

International application No.

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EP	0945145	A1	29/09/1999	SE AT CA DE DK US CN ES KR WO	0945145 T3 236668 T 2272094 A 69720769 D,T 945145 T 6090117 A 1237914 A 2196317 T 2000057129 A 528600 B 9822155 A	15/04/2003 28/05/1998 11/03/2004 04/08/2003 18/07/2000 08/12/1999 16/12/2003 15/09/2000 00/00/0000 28/05/1998
US	6548569	В1	15/04/2003	US US AU CA EP JP WO	20020156150 A 20020173558 A 4027700 A 2368470 A 1163019 A 2002539854 T 0056376 A	24/10/2002 21/11/2002 09/10/2000 28/09/2000 19/12/2001 26/11/2002 28/09/2000
US	5358475	A	25/10/1994	DE EP JP JP JP US	3689650 D,T 0226061 A,B 1846350 C 5052749 B 62144663 A 5061281 A	26/05/1994 24/06/1987 25/05/1994 06/08/1993 27/06/1987 29/10/1991
US	5735863	A	07/04/1998	CA DE EP SE GR JP AU IT IT	2100792 A,C 69203596 D,T 0571415 A,B 0571415 T3 3017764 T 6504930 T 1189792 A 225451 Y 1247157 B PD910032 D,V 9213579 A	12/08/1992 21/03/1996 01/12/1993 31/01/1996 09/06/1994 07/09/1992 18/11/1996 12/12/1994 30/04/1991 20/08/1992
EP	1254671	A1	06/11/2002	JP US	2002320630 A 20020161450 A	05/11/2002 31/10/2002

INTERNATIONAL SEARCH REPORT Information on patent family members

03/09/2004

International application No.

PCT/SE 2004/000879

US	5599552	Α	04/02/1997	AT	163261 T	•	15/03/1998
"	000000	••	01, 02, 2527	AU	666676 B		22/02/1996
				AU	2605492 A		29/04/1993
				CA	2079831 A		29/04/1993
1				DE	69224456 D		10/06/1998
				EP	0539751 A	B	05/05/1993
				ËS	2114901 7		16/06/1998
				JP	5305135 A		19/11/1993
				NZ	244581 A		25/06/1996
				NZ	286487 A		24/11/1997
				US	5324519 A		28/06/1994
				US	5487897 A		30/01/1996
				US	5660849 A		26/08/1997
				US	6071530 A	ĺ	06/06/2000
				US	6395293 E	3	28/05/2002
				US :	20020001608	1	03/01/2002
				AT	100308	Γ	15/02/1994
				AU	653498 E	3	06/10/1994
				AU	6071890 <i>A</i>		22/02/1991
<u> </u>				CA	2063729	٦,¢	25/01/1991
				DE	· 69006216 [05/05/1994
1				DK	484387		14/03/1994
ļ				EP	0484387	₹,B	13/05/1992
				SE	0484387		
				ES	2062540		16/12/1994
1				FI	920293 [00/00/0000
				HK	1005426		00/00/0000
				JP	2685353		03/12/1997
1				JP	5504941		29/07/1993
				NO	920302		24/01/1992
				US	5077049		31/12/1991
1				US		A	29/11/1994
1				WO	9101126	A	07/02/1991